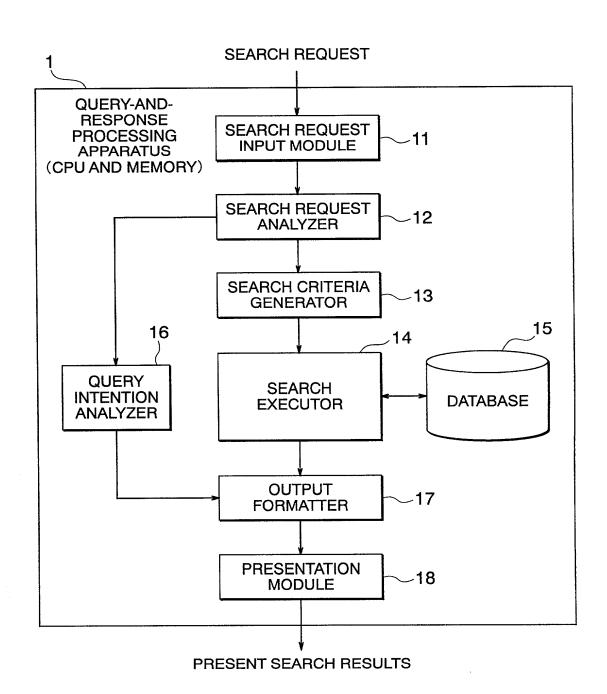
FIG. 1

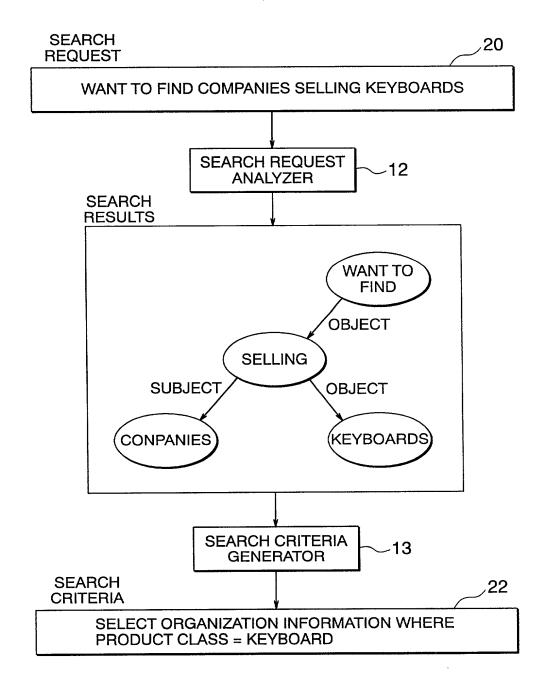


DATABASE

ATION	•	•	•	•••
OTHER INFORMATION	EVENT TYPE	SALES	DEVELOPMENT	•••
NO	PRICE	50,000	80,000	•••
PRODUCT INFORMATION	PRODUCT NAME	XYZ	QRS	•••
PRODUCT	LOCATION REPRESEN- PRODUCT CLASS PRODUCT TATIVE	KEYBOARD	SOFTWARE	•••
ATION	REPRESEN- TATIVE	KAWASAKI YAMAMOTO	YAMAZAKI	•••
COMPANY INFORMATION	LOCATION	KAWASAKI	YОКОНАМА	• • •
	COMPANY NAME	CAMPANY A	LABORATORY YOKOHAMA YAMAZAKI	•••

* : MAIN ITEM FLAG

FIG. 3



A	ANALYSIS	DICTIONARY
	PART OF	
WORD SPELLING	SPEECH	SEMANTIC INFORMATION
COMPANY	NOUN	ORGANIZATION
KEYBOARD	NOUN	PRODUCT CLASS = KEYBOARD
PROVIDE	VERB	EVENT = SALES
SELL	VERB	EVENT = SALES
		<u>:</u>
		•

SEARCH CRITERIA GENERATOR

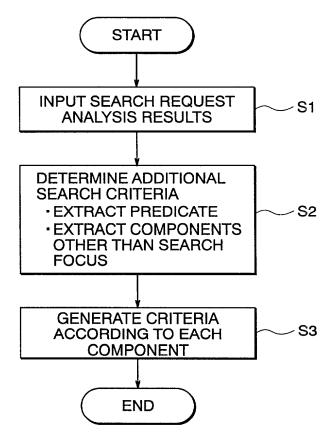


FIG. 6

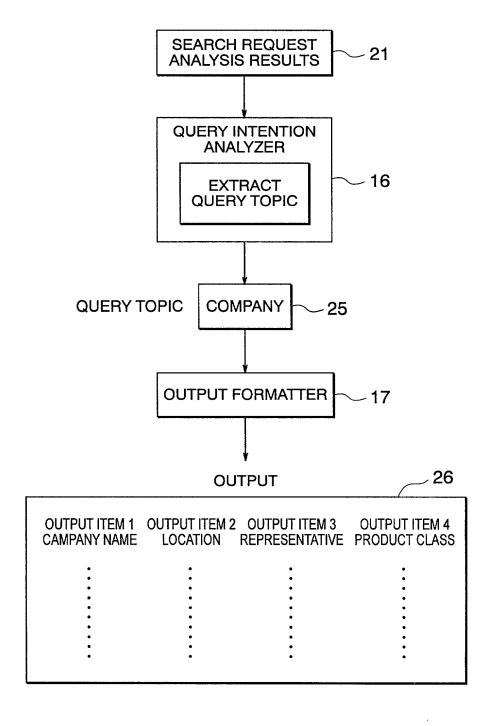


FIG. 7

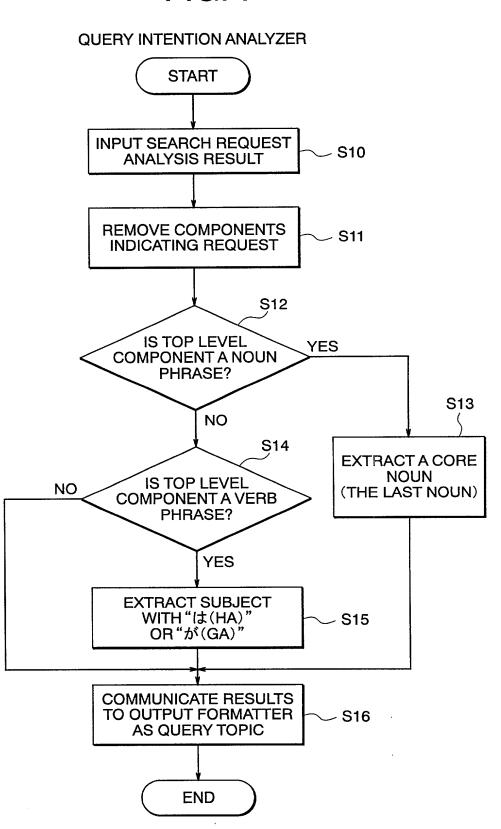


FIG. 8

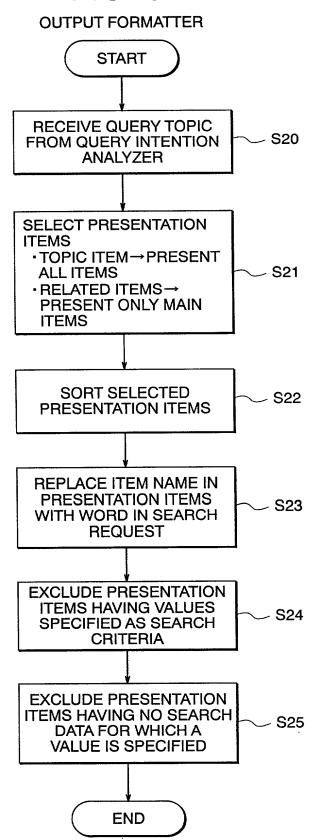


FIG. 9

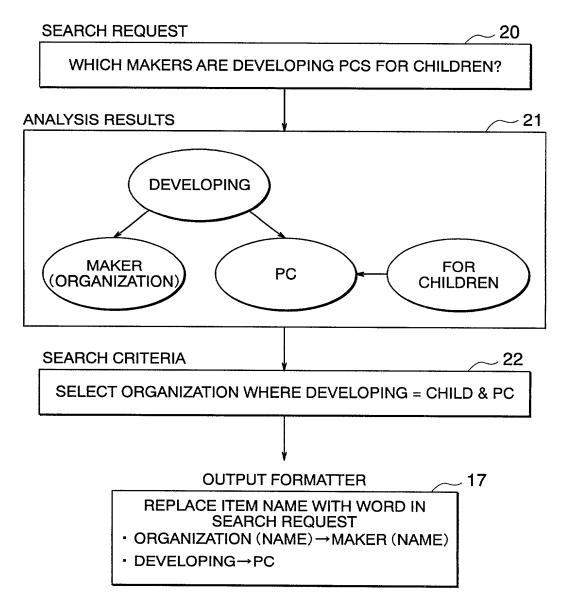


FIG. 10

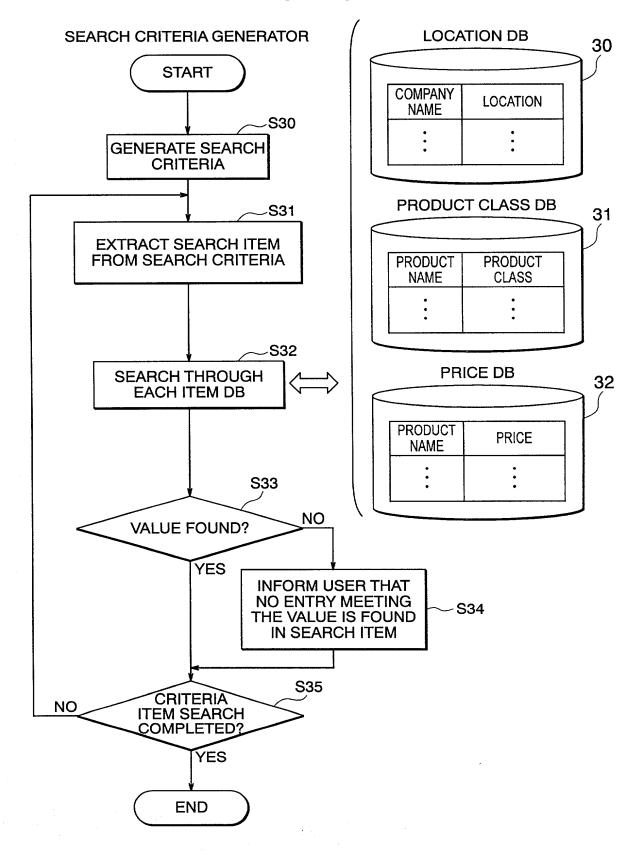


FIG. 11

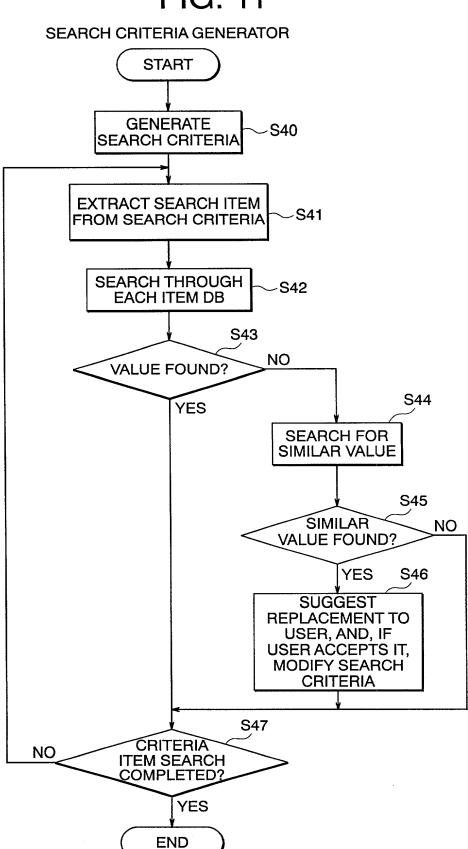


FIG. 12

SEARCH CRITERIA GENERATOR

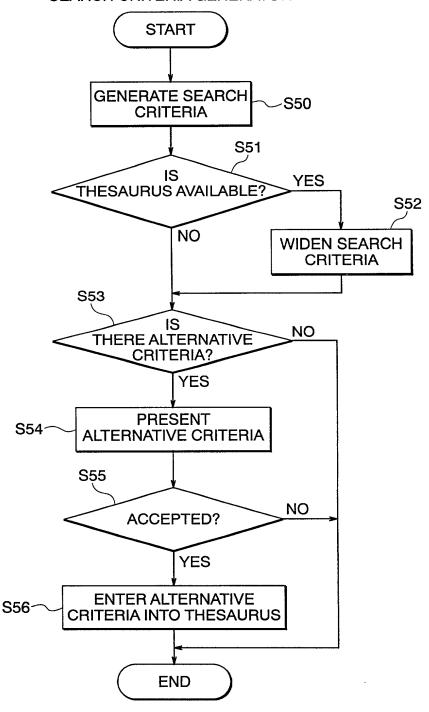


FIG. 13A

WIDENING SEARCH CRITERIA

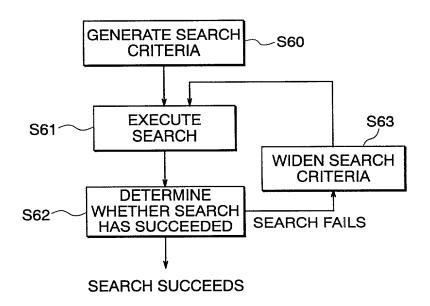


FIG. 13B

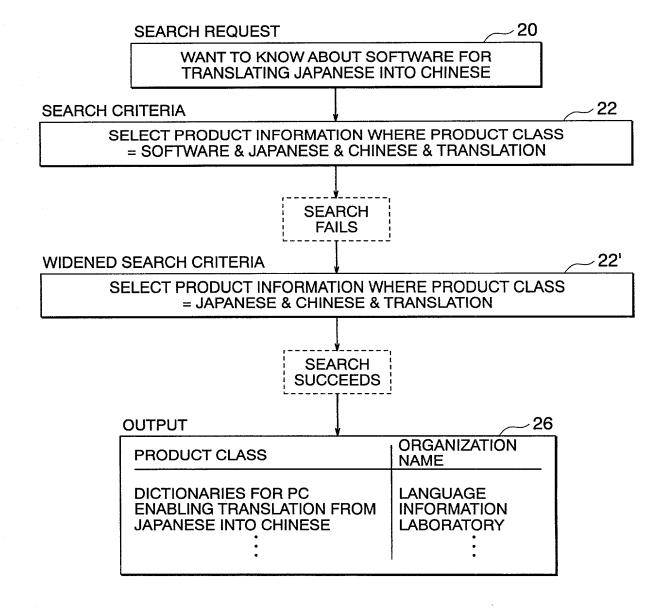


FIG. 14A

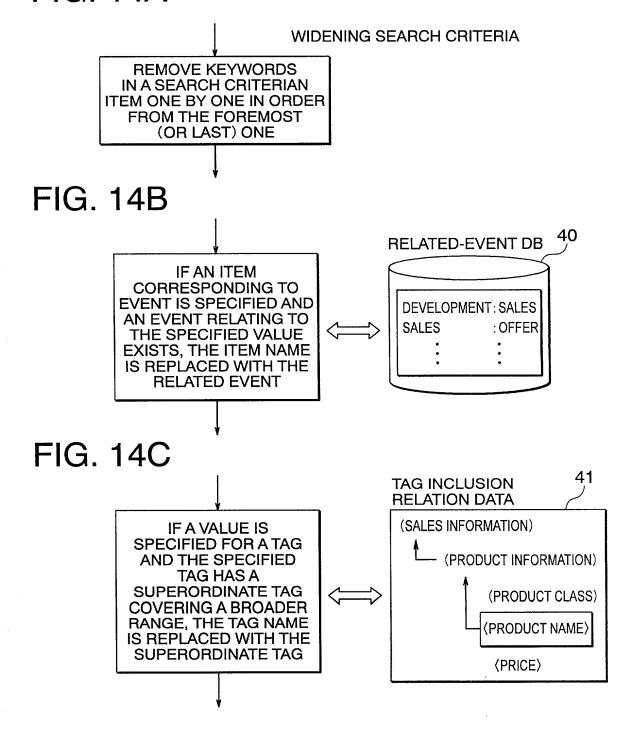
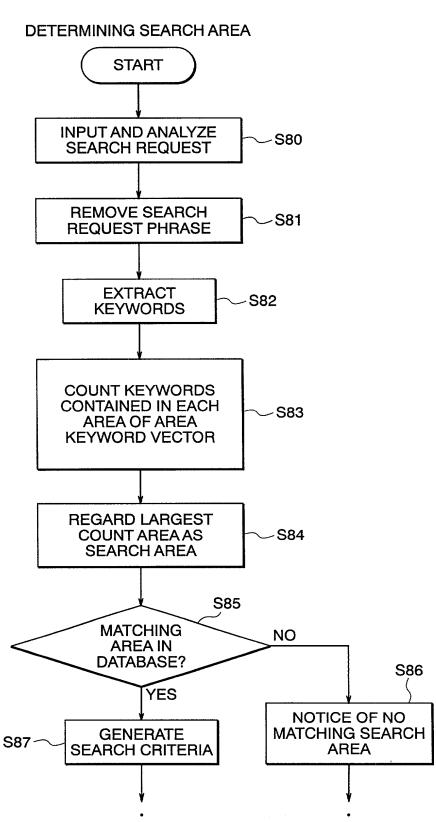


FIG. 15

CONFIRMING SEARCH AREA START ANALYZE SEARCH -S70 **REQUEST** S71 YES **ANALYSIS FAILS?** S72 NO **ALERT TO CHANGE EXPRESSION S73 GENERATE SEARCH CRITERIA S74** YES GENERATION FAILS? **S75** NO **NOTIFY TO REVIEW** WHETHER SEARCH AREA IS CORRECT **EXECUTE** S76 SEARSH

FIG. 16



SEARCH CRITERIA GENERATOR

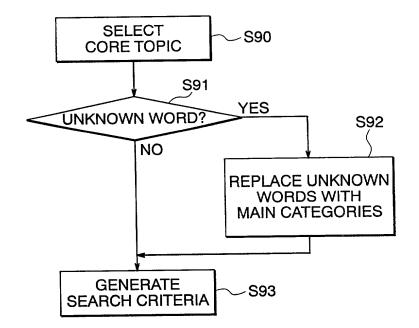
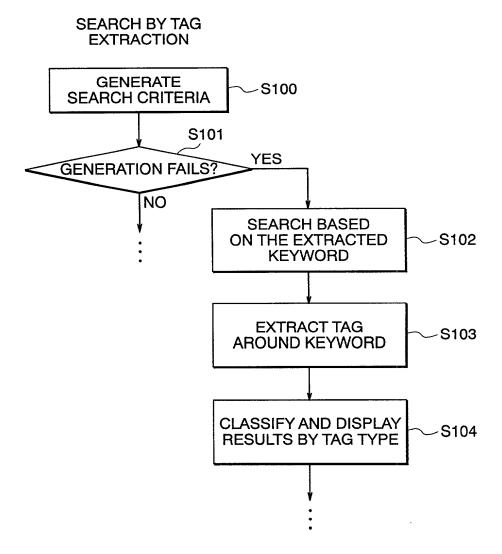


FIG. 18



PROCESS FOR COMPLEMENTING TEXT IN DATABASE

(A) CORRESPONDENCE TABLE BETWEEN TAGS AND SECONDARY DBS

~~50

TAG ITEM	Α	В	REPRESEN- TATIVE	LOCATION
SECONDARY	NONE	DB1	DB2	DB3

(B)

DB2

DB3

ORGANIZATION NAME	REPRE- SENTATIVE
FACTORY A	PRESIDENT YAMAZAKI
•	•

ORGANIZATION NAME	LOCATION
FACTORY A	KAWASAKI
	:

(C) ESSENTIAL ITEM LIST

~51

ORGANIZATION	ORGANIZATION NAME	LOCATION	REPRESENTATIVE
PRODUCT	PRODUCT CLASS	PRODUCT NAME	PRICE
•	•	•	•

(D) TEXT

52

(ORGANIZATION NAME) FACTORY A (/ORGANIZATION NAME)

(E) COMPLEMENT TEXT

53

(ORGANIZATION NAME) FACTORY A (/ORGANIZATION NAME) (REPRESENTATIVE) PRESIDENT YAMAZAKI (/REPRESENTATIVE) (LOCATION) KAWASAKI (/LOCATION)

FIG. 20

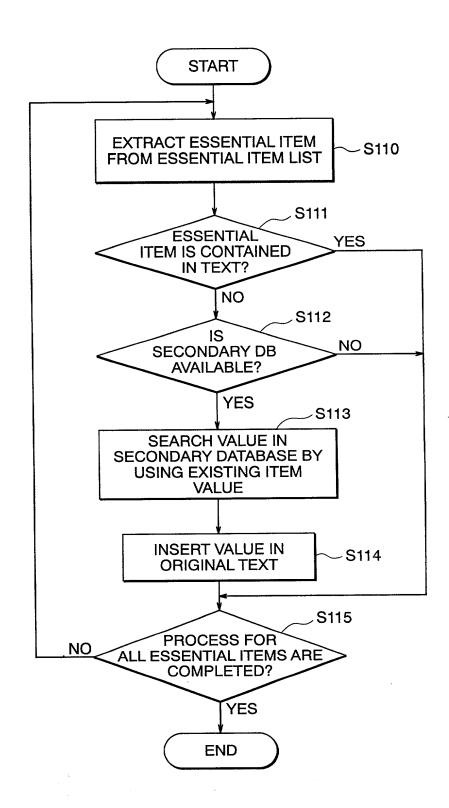


FIG. 21

